

From glowbugs@theporch.com Thu May 30 10:36:12 1996  
Return-Path: glowbugs@theporch.com  
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com  
(8.7.5/AUX-3.1.1) with SMTP id KAA16251; Thu, 30 May 1996 10:18:45 -0500 (CDT)  
Date: Thu, 30 May 1996 10:18:45 -0500 (CDT)  
Message-Id: <199605301518.KAA16251@uro.theporch.com>  
Errors-To: ws4s@midtenn.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 203  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

### GLOWBUGS Digest 203

Topics covered in this issue include:

- 1) Re: Grinding Crystals  
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 2) Re: Has anybody seen these books?  
by jkh@lexis-nexis.com (John Heck)
- 3) OLD CQ Magazines available  
by owens@stout.atd.ucar.edu (Chip Owens)
- 4) Re: Grinding Crystals  
by Andy Wallace <wallace@mc.com>
- 5) FS: ARRL Antenna Compendium Vol. 3  
by Roy Morgan <morgan@speckle.ncsl.nist.gov>

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Date: Tue, 28 May 1996 08:45:49 -0400  
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
To: glowbugs@theporch.com  
Subject: Re: Grinding Crystals  
Message-ID: <9605281245.AA20162@speckle.ncsl.nist.gov>

At 10:54 PM 5/26/96 -0500, you wrote:  
>My project for this three day weekend has been to grind some old surplus  
>crystals to move them up to the 40 M CW band.  
... I seem to have no problem moving the frequency up  
>the first 150 KCs or so but eventually the rock gives up the ghost.

The activity of the thing depends on the thickness/length/width ratios. You

can sometimes restore the activity by grinding on the edge of the crystal.  
Do this as you approach the desired frequency to maintain the activity.

It's mostly trial and error.

And hooray to you for keeping one of the foundation skills of glowbugging alive!

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

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Date: Tue, 28 May 96 09:14:42 EDT  
From: jkh@lexis-nexis.com (John Heck)  
To: glowbugs@theporch.com  
Subject: Re: Has anybody seen these books?  
Message-ID: <9605281314.AA20889@beans.lexis-nexis.com>

Mike,  
I have these books and I would recommend them to anyone who is interested in  
radio-  
making from this era. There was as much interest in radio then as computers today.  
Lindsay also has some reprints on coil winding and a couple on "How To Become An  
Amateur Radio Operator". All are very good. Lindsay has a catalog and lots of  
other  
titles, some of which are also available through AES.  
John Heck  
jkh@lexis-nexis.com  
Dayton, Ohio

> I was wondering if anybody has seen either of these books from Lindsay  
> -- the '29/'34 Handbook Receivers collection, or the book on Regens by  
> "Rocky" something-or-other (vague, I know, but my catalog is at work).

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Date: Tue, 28 May 1996 08:03:36 -0600 (MDT)  
From: owens@stout.atd.ucar.edu (Chip Owens)  
To: glowbugs@theporch.com  
Subject: OLD CQ Magazines available  
Message-ID: <199605281403.IAA19430@atd.atd.ucar.EDU>

Hi Gang,

22 back issues of CQ magazine that have a great many "Glowbug" articles are available from me for \$15 plus postage. These are the good ones from the 1950 to 1952 period. They are in fair to good shape. If interested please let me know.

Chip Owens, NW00  
owens@stout.atd.ucar.edu

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Date: Wed, 29 May 96 15:59:40 EDT  
From: Andy Wallace <wallace@mc.com>  
To: morgan@speckle.ncsl.nist.gov, glowbugs@theporch.com  
Subject: Re: Grinding Crystals  
Message-ID: <9605291959.AA02946@taku>

----- Begin Included Message -----

From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
Subject: Re: Grinding Crystals

The activity of the thing depends on the thickness/length/width ratios. You can sometimes restore the activity by grinding on the edge of the crystal. Do this as you approach the desired frequency to maintain the activity.

It's mostly trial and error.

And hooray to you for keeping one of the foundation skills of glowbugging alive!

----- End Included Message -----

And you can moonlight as a safecracker. You have no fingerprints!  
I successfully ground an FT-243 rock from 3215 kc to 3703 kc (the old glowbug freq) last year. What a job!  
And yes, I lost activity a couple of times. Bevel the edges as Roy says: hold the plate carefully at about a 45 degree angle and give each edge one swipe across the sandpaper. That usually brings it back. Plus make sure the crystal is VERY clean each time you put it back in the holder for testing.

73,  
--Andy  
wallace@mc.com  
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Date: Wed, 29 May 1996 16:55:50 -0400  
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
To: boatanchors@theporch.com, glowbugs@theporch.com  
Subject: FS: ARRL Antenna Compendium Vol. 3  
Message-ID: <9605292055.AA06410@speckle.ncsl.nist.gov>

For sale:

NEW! ARRL Antenna Compendium Volume 3.

\$10.00 post paid.

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

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End of GLOWBUGS Digest 203

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